

HP Apollo Series 700 Model 710 Workstation



Series 700 Model 710 Overview

The HP Apollo Model 710 is the highest-performing entry-level color desktop workstation in the industry, and it expands HP's record-setting PA-RISC-based Series 700 family. The Model 710 delivers 57.9 MIPS, 49.7 SPECmarks, and 12.2 MFLOPS – setting new industry price/performance standards. The Model 710 is the affordable workstation of choice for a broad range of applications that require fast X Window System and 2D/3D wire-frame color and grayscale graphics. Entry-level surface rendering is available through HP's PowerShade, 3D software package.

The Model 710 is designed to meet the needs of traditional workstation markets such as electronic computer-aided design (ECAD), mechanical computer-aided design (MCAD), computer-aided software engineering (CASE), database management, GIS, desktop publishing, and desktop productivity, as well as many emerging markets such as customer services and financial services. Multimedia functionality is also supported in the form of audio and image viewing capabilities.

With the Model 710, HP has set the entry-level color workstation performance standard against which the competition will be measured for quite some time.

For more information, call 1-800-637-7740. In Canada, call 1-800-387-3867. Or contact your local HP sales office or authorized HP reseller.

Features	Benefits
CPU Performance (50 MHz PA-RISC Processor)	
57.9 MIPS Integer 49.7 SPECmarks 12.2 MFLOPS Floating Point	<ul style="list-style-type: none">• Fastest entry-level color workstation• Industry's best price/performance• Speeds technical computations
Graphics Hardware	
Grayscale 19" (1280 x 1024, 72 Hz) 8-bit planes 500,000 X11 vectors/sec 7292 X11 Perf	<ul style="list-style-type: none">• 256 shades for increased comprehension• Industry's fastest X11 windowing performance on an entry-level workstation. Improved productivity in CASE, DTP, and commercial applications
Color 19" (1280 x 1024, 72 Hz) Color 16" (1024 x 768, 75 Hz) 8-bit planes 950,000 2D/3D vec/sec GPCmark "PC board": 29.19	<ul style="list-style-type: none">• 256 colors from a palette of 16.7 million colors• Leadership windowing and vector performance ideal for design, engineering, and scientific applications• Exceptional application performance
Graphics Software	
X11/PHIGS, X11/Starbase PowerShade	<ul style="list-style-type: none">• Speed and realism through standards enhance the capabilities of all applications• Allows users to produce entry-level realistic renderings without large investment or training
Memory and Cache	
High bandwidth CPU & RAM interface 16-64MB ECC SIMMs 32KByte Instruction Cache 64KByte Data Cache	<ul style="list-style-type: none">• Improves application performance
Mass Storage	
840MB Internal (2 x 420MB) 9.45GB max. Disk with SCSI-2 Plug-in 600MB CD ROM, 2.0GB 3.5" DDS Tape, 1.44MB 3.5" Floppy	<ul style="list-style-type: none">• A wide range of mass storage options to meet the need for easy access to large amounts of data• Increased capacity, reliability, and performance
Standard Interfaces	
Integrated I/O Subsystem IEEE 802.3 (Thick- & ThinNet) SCSI-2, RS 232(2), Centronics, HP-HIL 1 Audio I/O port	<ul style="list-style-type: none">• Low-cost, high-performance industry-standard I/O• Allows quick and easy integration in heterogeneous networks• Simple connection of high-speed, low-cost disks and other peripherals• Multimedia capability
Cooperative Computing Products	
NCS, Passwd Etc. Task Broker NetLS	<ul style="list-style-type: none">• Supports distributed applications, ease of administration in a networked environment• Provides users with access to all available power on the network• Allows the licensing of applications based on actual usage
User-friendly Features	
HP VUE, OSF/Motif, X11 Window System Instant Ignition SoftPC	<ul style="list-style-type: none">• Ease of use through standards• Provides immediate productivity through a pre-installed and pre-configured environment• Gives access to an array of MS-DOS applications in a workstation window

UNIX is a registered trademark of UNIX System Laboratories in the U.S. and other countries. The information contained in this document is subject to change without notice.

